

Title (en)  
VACUUM HEAT-INSULATOR.

Title (de)  
VAKUUM-WÄRMEISOLIERMATERIAL.

Title (fr)  
MATERIAU THERMO-ISOLANT SOUS VIDE.

Publication  
**EP 0682206 A1 19951115 (EN)**

Application  
**EP 95900927 A 19941121**

Priority  
• JP 9401966 W 19941121  
• JP 31587093 A 19931122

Abstract (en)  
A vacuum heat-insulator (6) formed by tightly packaging a shaped product comprising acicular crystals of calcium silicate entangled in a three dimensional manner in a reduced pressure state in a container (2), (3), (4) composed of a composite film formed by laminating a metal foil, or vapor-depositing a metal or metal oxide to a plastic film, and having a thermal conductivity at 20 DEG C of not more than 0.015 Kcal/m.hr. DEG C. This vacuum heat-insulator (6) brings about no environmental problems upon discarding caused by dusting, and is capable of displaying an excellent heat-insulating performance without using fron. <IMAGE>

IPC 1-7  
**F16L 59/06**

IPC 8 full level  
**F16L 59/06** (2006.01)

CPC (source: EP KR)  
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